

FIG. 1

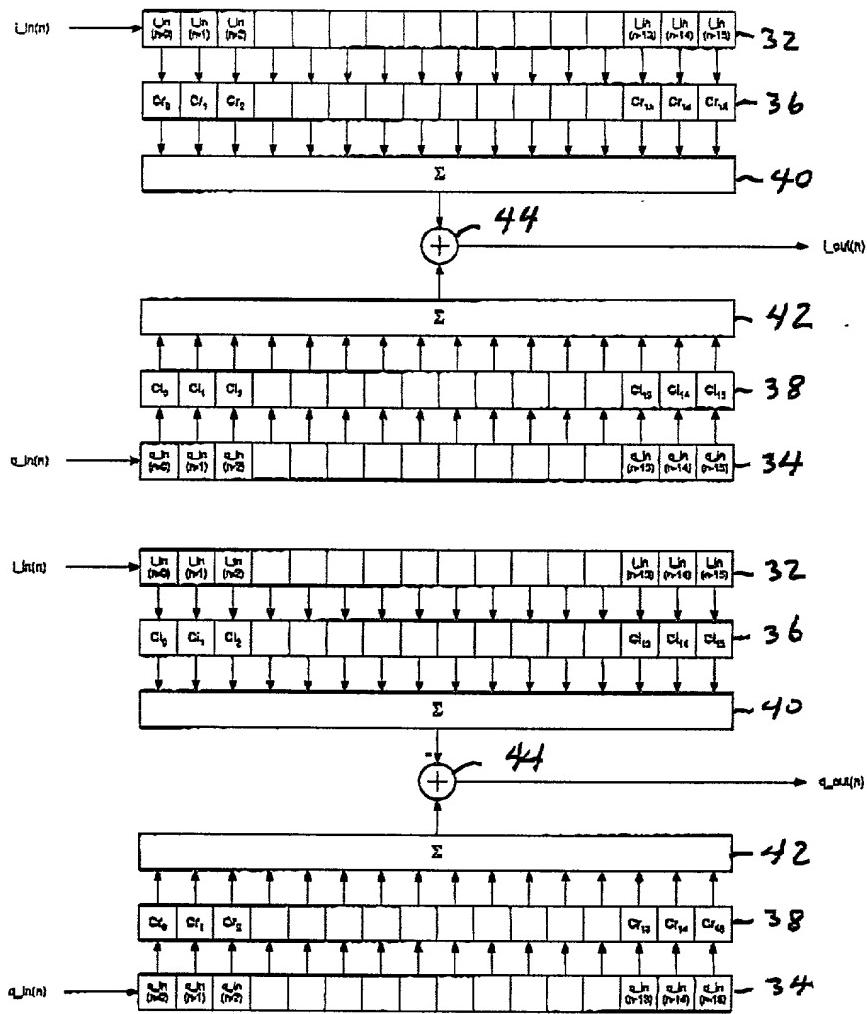


FIG. 2

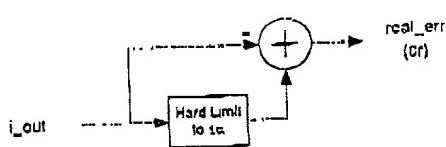


FIG. 3A

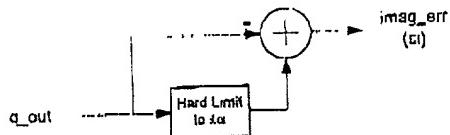


FIG. 3B

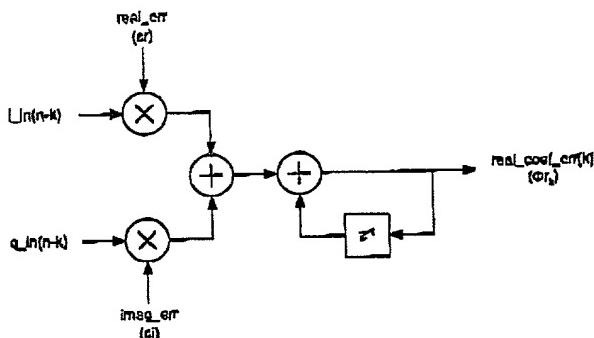


FIG. 4A

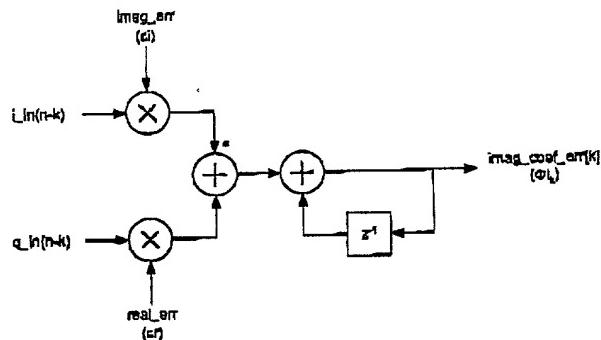


FIG. 4B

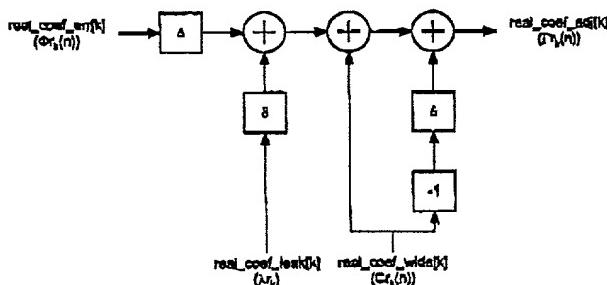


FIG. 5A

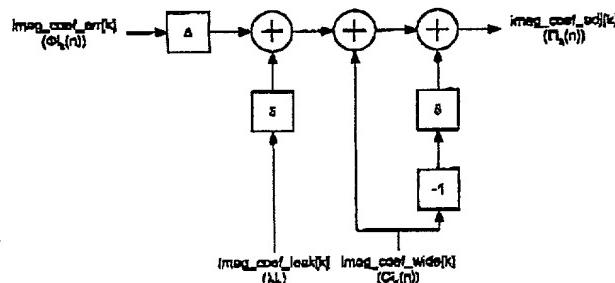


FIG. 5B

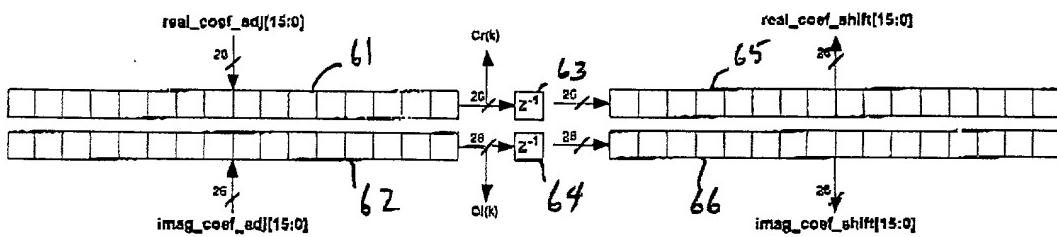


FIG. 6

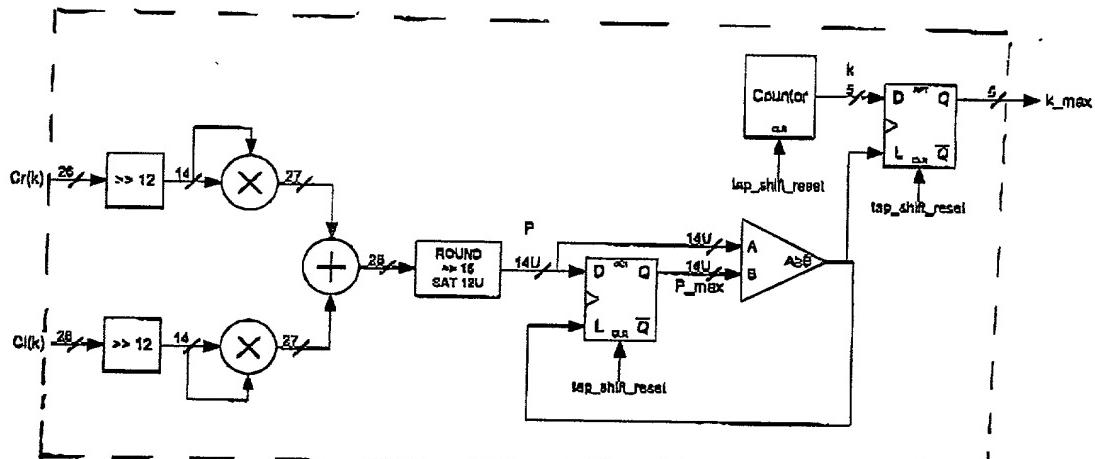


FIG. 7

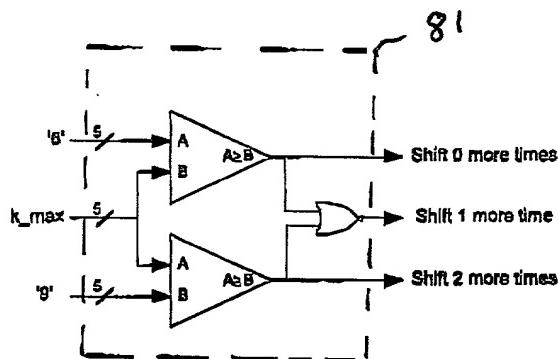


FIG. 8

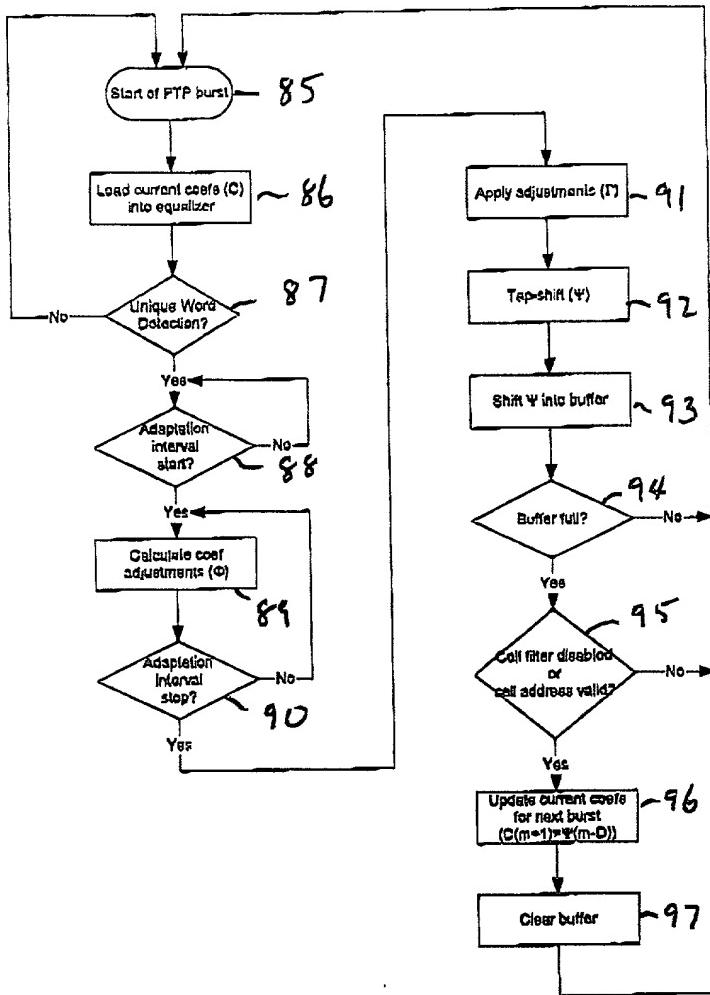


FIG. 9

Current Filter Coef	C0	C0	C0	C1	C1	C1	C4	C4	C4	C7	C7	C7	C7	C11	C11	C11	C14
Cell Filter Buffer [0]	C1	C2	C3	C4	C5	C6	C7	C8	C9	C11	C12	C13	C14	C15	C16	C17	
Cell Filter Buffer [1]	-	C1	C2	-	C4	C5	-	C7	C8	-	C11	C12	-	C14	C15	-	
Cell Filter Buffer [2]	-	-	C1	-	-	C4	-	-	C7	-	-	C11	-	-	C14	-	

FIG. 10

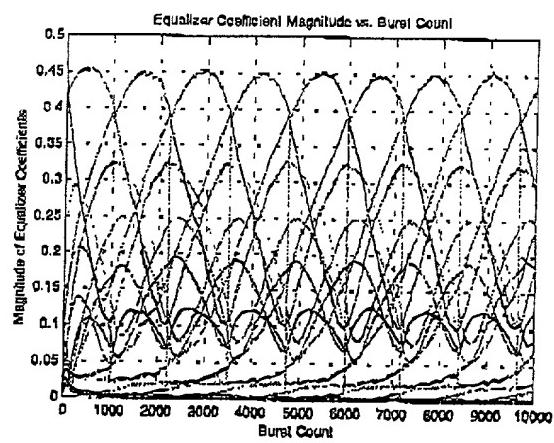


FIG. 11

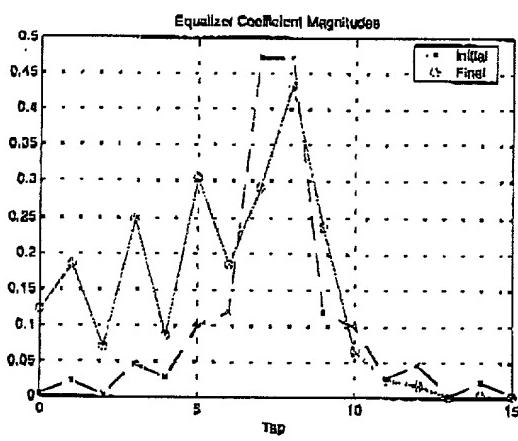


FIG. 12

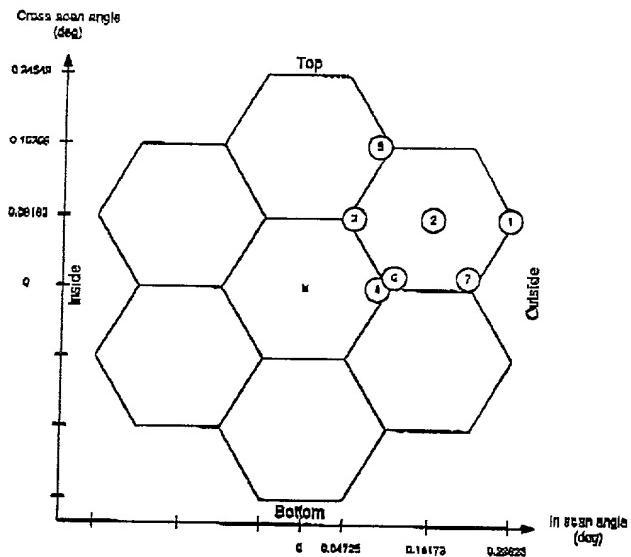


FIG. 13

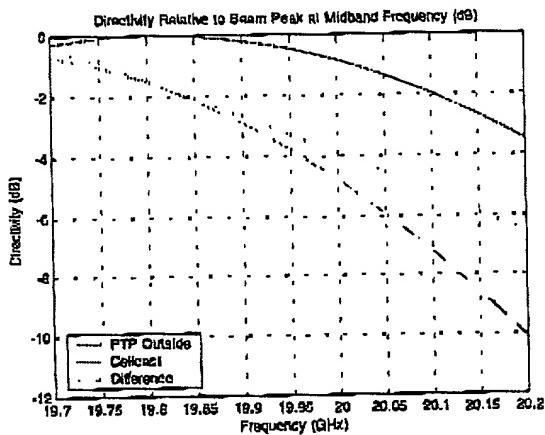


FIG. 14

13° Scan Angle	Degradation (dB)
With Microcell Address Validator	1.0
Without Microcell Address Validator	1.7

FIG. 15